IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

GILL

Examiner:

Unassigned

Serial No.:

Unassigned

Group Art Unit:

Unassigned

Filed:

March 29, 2004

Docket No.:

HSJ920030222US1

(HITG.068PA)

Title:

METHOD AND APPARATUS FOR PROVIDING

A DUAL CURRENT-PERPENDICULAR-TO-PLANE (CPP) GMR

SENSOR WITH IMPROVED TOP PINNING

CERTIFICATE UNDER 37 CFR 1.10

Express Mail' mailing label number: EV 418821722 US

Date of Deposit: March 29, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Kathlein Me Deortt

Name: Kathleen McDevitt

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted either within three months of the filing date or before the first Office Action of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), and the 05 August 2003 Official Gazette Notice, only a copy of each foreign document or non-U.S. patent/application listed on the enclosed Form 1449 is provided.

Please note that any notations or markings on the attached documents do not reflect particular relevance, or lack thereof, to the present application, nor were they necessarily made by anyone affiliated with the prosecution of the present application.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Crawford Maunu PLLC 1270 Northland Drive Suite 390 St. Paul, MN 55120

651/686-6633

Date: March 29, 2004

Reg. No. 36,204

FORM 1449*
INFORMATION DISCLOSURE STATEMENT
IN AN APPLICATION
(Use several sheets if necessary)

Docket Number:
HSJ920030222US1

Applicant: GILL

Group Art Unit: Unassigned

Group Art Unit: Unassigned

EXAMINER	DOCUMENT NO.	DATE	U.S. PATENT DOCUMENT	CLASS	SUBCLASS	FILING	DATE
INITIAL						IF APPRO	PRIATE
	US 2001/004798 A1	06/28/2001	GILL				
4	US 2003/0086217 A1	05/08/2003	PINARBASI				
	6,219,208	04/17/2001	GILL				
	6,295,187	09/25/2001	PINARBASI				7
	6,317,298	11/13/2001	GILL				
	-						
			-				· · · ·
		F	OREIGN PATENT DOCUME	NTS			
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
·							
	ОТН	IER DOCUMENT	S (Including Author, Title, Da	e, Pertinent Page	s, Etc.)		

EXAMINER	DATE CONSIDERED						
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.							